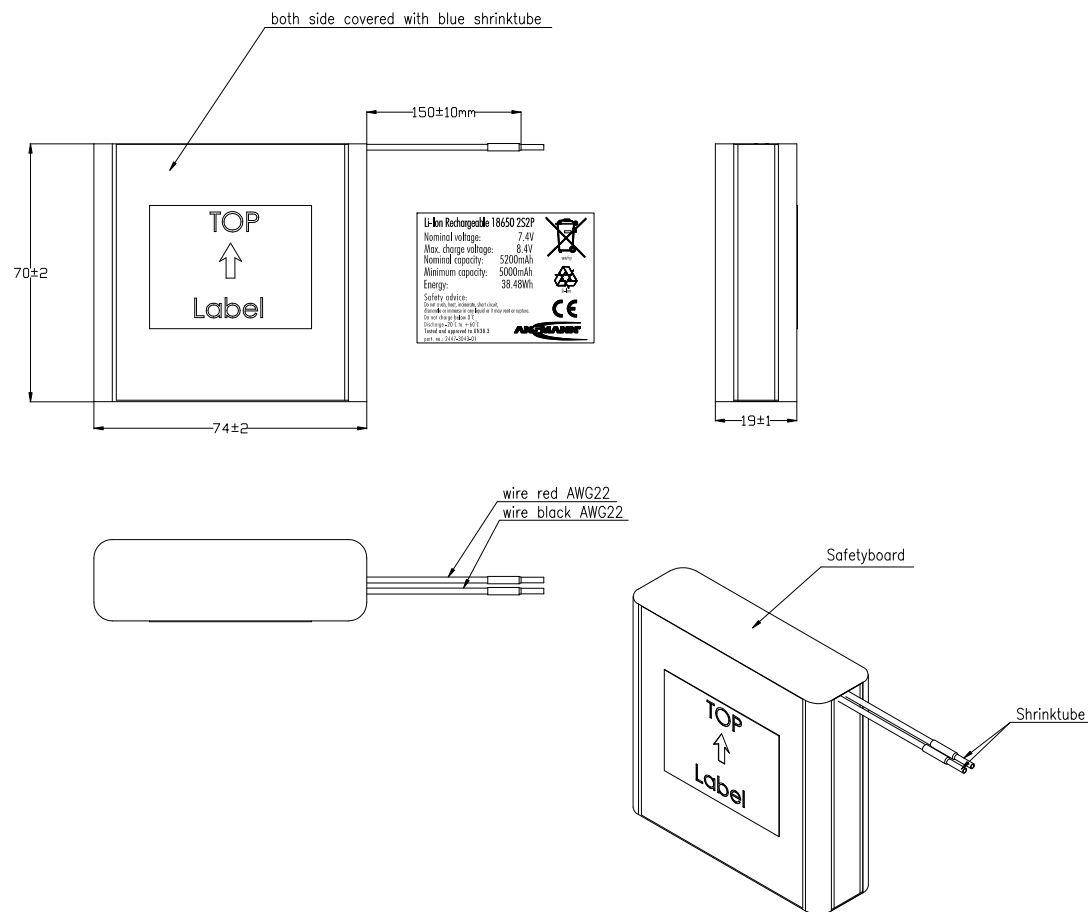


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Technische Daten/ technical data	:	Akkupack/ Battery pack
Chemie/ chemistry	:	Li-Ion
Zellentyp/ Cell type	:	LG B4
Zellenzahl/ no. of cells	:	4 Zellen/ cells 18650 2S2P
Kapazität/ capacity	:	nom. 5200mAh discharge at 0.2C min. 5000mAh discharge at 0.2C ta:20°C; EV(Discharge End Voltage): 5.5V
Innenwiderstand/ impedance	:	< 120mOhm (battery and safetyboard)
Nominalspannung/ nominal voltage	:	7.4V
Standard Ladespannung/ standard charge voltage	:	8.4V±1%
Nominaler Ladestrom/ nominal charge current	:	0.5C
Maximaler Ladestrom/ max. charge current	:	5000mA (limited by safetyboard)
Ladeendstrom/ charge end current	:	0.01C recommended
Maximaler Entladestrom/ maximum discharge current	:	5000mA (limited by safetyboard)
Anwendungstemperaturbereich/ ambient temperature range	:	0°C...+45°C charge -20°C...+60°C discharge -20°C...+30°C storage max. 1 year
Standards/	:	UN 3480, Subsection 3.3 All cells and battery packs type tested according to UN manual of test and criteria subsection 3.3
Technische Daten/ technical data	:	Sicherheitsschaltung/ safety board
Abschaltspannung/ over charge voltage detection	:	8.6V±50mV
Wiedereinschaltspannung/ over charge release voltage	:	8.2V±100mV
Entladeabschaltspannung/ over discharge detection voltage	:	4.8V±100mV
Wiedereinschaltspannung/ over discharge release voltage	:	6V±100mV
Nominaler Entladestrom/ nominal discharge current	:	5A continuous
Entlade Abschaltstrom/ discharge cut off current	:	13A± 3A
Kurzschlusschutz/ short circuit protection	:	gegen äußeren Kurzschluss/ against external short circuit
Rückstellkriterium/ release condition	:	Last trennen, Aktiv nach Anladen/ cut load, release after charging up
Standards	:	CE



Verwendungsbereich/Application range für Anfrage/for inquiry AN-IS-2012-00431			Zul. Abweichung/ Allowable deviation	Oberfläche/ Surface	Maßstab/Scale (DIN A2): 1:1	Gewicht/Weight
			Allgemeintoleranz DIN ISO 2768-m		Werkstoff/Work material, Modell-Nr.	
			2013 Datum/Date	Name	Zeichnungsname/Drawing name	
			Erstellt/ Drawn by	23.10.	Li-Ion Battery 7.4V 5200mAh	
				JE	with safetyboard	
					Zeichnungsnummer/Drawing number Artikelnummer/Part number	Blatt/ Sheet
					2447-3043-01	1
VO	technical data corrected	24.06.15	JH			
Version	Änderung/Change	Datum/Date	Ursprung/Origin	Proj. IS-2012-00431	Ersatz für/Replaced by	Ersatz durch/Replacement through